150 W HALOGEN LIGHT SOURCES

Opening for quick bulb replacement
Adjustable intensity knob
Thanks to connectors it can be used with STORZ, WOLF, OLYMPUS, PENTAX, FUJI cables
Low noise fan
30801

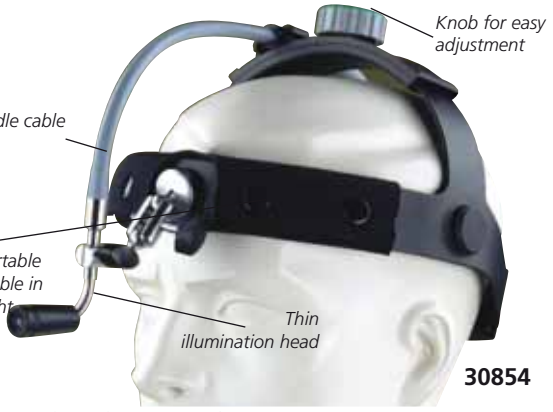
• 30801 GIMA LIGHT SOURCE 150 Watt
Compact, lightweight, powerful light source for endoscopic use. Equipped with a 150 watt halogen bulb.
It has a small opening on the upper side for easy and quick replacement. A low noise fan positioned behind the halogen bulb provides the necessary cooling inside the metallic structure of the light source. A variable-intensity regulator enables selection 50 to 150 W. User manual in English, Spanish, French, Italian, Greek, Portuguese.

• 30802 GIMA DOUBLE LIGHT SOURCE 150 Watt x 2
Similar to 30801, but with 2 independent bulbs, to illuminate at the same time 2 instruments or to quickly change if one bulb burns out.

GIMA code	CONNECTORS FOR GIMA LIGHT SOURCE TO DIFFERENT CABLES
30810	STORZ cable connector
30811	WOLF cable connector
30812	OLYMPUS cable connector
30815	PENTAX cable connector
30808	Spare lamp for GIMA light source

TECHNICAL SPECIFICATIONS
Input for GIMA, SCHOLLY and LUT cables
Dimension:21x20x h 11 cm / 29 x 20.7 x h 13.5 cm
Max power absoption: 170 Watt / 340 Watt
Two protection fuses: 1.6 A.T.
Power supply: 230V-50 Hz
Norms: IEC 601-1 - 93/42/EEC (Class: I - Type: BF)
Made in Italy: GIMA S.p.a.

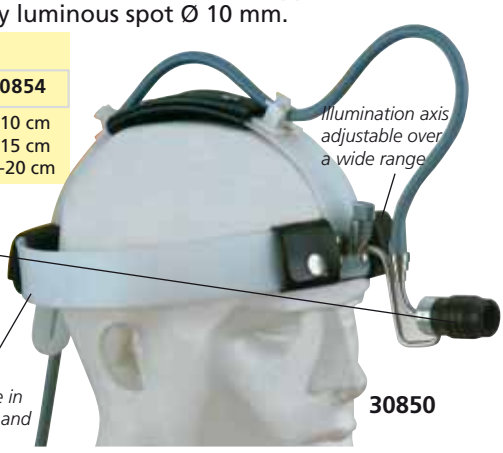
F. O. HEAD LIGHTS


Knob for easy adjustment
3.5mm fibre bundle cable length 1.9 meter
Professional and comfortable headband easily adjustable in circumference and height through two knobs
Thin illumination head
30854

• 30850 WIDA FIBRE OPTIC HEAD LIGHT
• 30854 WIDA PLUS FIBRE OPTIC HEAD LIGHT
fibre optic cable complete with head light system
WIDA illumination systems are available in two versions: one with simple headband and standard illumination head, the other with professional headband, easily adjustable, and thin head. Both include F.O. cable with adaptor for connection to GIMA light sources (30801-30802).
Here below are available connectors to other light sources.
Light beam can be focused through a focusing ring.
• 30851 FOCUS DEVICE (for 30850) useful for ENT applications.
It reduces light in a very luminous spot Ø 10 mm.

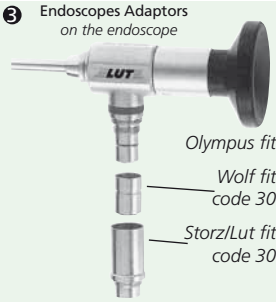
Diameter focus:

DISTANCE	30850	30854
20 cm	7-15 cm	6-10 cm
30 cm	10-22 cm	9-15 cm
50 cm	16-35 cm	14-20 cm

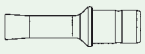

Illumination axis adjustable over a wide range
An exceptionally bright headlight with an illumination head for coaxial, shadow-free illumination of the viewing area.
Headband is padded and fully adjustable in circumference and height.
30850

SURGICAL FIBRE OPTIC LIGHT CABLES AND ADAPTORS

❸ Endoscopes Adaptors *on the endoscope*

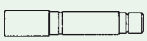


❶ LIGHT SOURCE ADAPTORS to connect GIMA F.O. cables to light sources

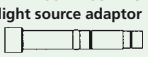


• 30830 GIMA light source adaptor

• 30831 STORZ - AESCULAP-MARTIN light source adaptor



• 30832 WOLF - HENKE SASS - DYONICS -MEDICON - COMEG light source adaptor



• 30833 OLYMPUS light source ad.
• 30834 ACMI light source adaptor
• 30837 PENTAX light source ad.

ENDOSCOPE ADAPTORS - on the cables to connect endoscopes to GIMA F.O. cables

❷

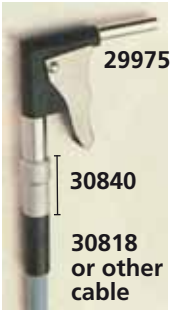
• 30840 ENDO STORZ adaptor

• 30841 ENDO WOLF adaptor
• 30842 ENDO ACM, OLYMPUS-STRYKER adaptor

• 30818 FIBRE OPTIC CABLE 4.8 x 1,800 mm
• 30822 FIBRE OPTIC CABLE 3.5 x 2,300 mm
• 30823 FIBRE OPTIC CABLE 4.8 x 2,300 mm
• 30826 FIBRE OPTIC CABLE 4.8 x 3,000 mm
High transmission surgical light cables, armoured but highly flexible with unique features:
- no burn outs
- strain relieved by kevlar and protected by **silicone hose**
- **steam autoclavable** with warranty (12 months)
- light source end temperature resistant up to 300°C
- kink resistant
- no electrical interferences with endoscopic surgery units
- quality according MedGV and CE (min. 5000 V overvoltage protection)
- serial number reference marked on each cable
- stainless steel adaptors enables our cables to be used with other manufacturers light sources/instruments

• 29975 FIBRE OPTIC CLAMP

❸ ENDOSCOPE ADAPTORS - on the endoscope to connect endoscopes to GIMA F.O. cables
• 30844 STORZ/LUT ENDOSCOPE ADAPTORS
• 30845 WOLF ENDOSCOPE ADAPTORS



GIMA AC/DC TRANSFORMER

• 31130 GIMA 6 AC/DC TRANSFORMER

This is a real transformer to feed Clar and Storz mirrors, Nystagmus glasses and any instrument which requires from 1.2V to 10V dc 500 mA power. Made in Italy.

TECHNICAL SPECIFICATIONS

Absorption: 6.6 Watt.	Power supply: 230 V - 50 Hz
Size: 163 x 105 x 60 mm	Norms: 93/42/EEC
User manual: English, Spanish, French, Italian, Greek, Portuguese.	

31130

GIMA ENT HEAD MIRRORS

These new generation quality head mirrors Ø 55 or 100 mm illuminate perfectly the examination area in every situation. Long life 6V lamp provides bright and natural light, quality silver coated mirror allows optimum light reflection. Mirror and light beam can be easily and precisely adjusted. Ergonomic and comfortable head band can fit any head size. Available also in a sturdy plastic case with all accessories.

31110
31111
Simple adjustment using rotating knob
Silver coated mirrors produce an extremely bright light
Comfortable, padded head band easy to remove for cleaning

STANDARD ACCESSORIES

	LUX MIRRORS 31110-31111	LUX KITS 31112-31113
Mirror with head band	•	•
Long life bulb	•	•
Extension cable 2 m (to trasformer)	•	
Extension cable with on/off switch 30 cm		•
Extension cable 80 cm		•
Battery case		•
Plug in trasformer 100/240V with cable	•	•
Sturdy plastic case		•

GIMA code	LUX ENT MIRRORS
31110	LUX-55 / STORZ type head mirror - Ø 55 mm - 6V
31111	LUX-100 / CLAR type head mirror - Ø 100 mm - 6V
31112	LUX-55 Kit - Ø 55 mm - 6V
31113	LUX-100 Kit - Ø 100 mm - 6V
31114	Mirror for LUX-55 - spare
31115	Mirror for LUX-100 - spare
31116	Bulb for LUX mirrors - spare
31117	Battery case - spare

31113

Lux 100 kit includes mirror with head band, bulb, extension cable 30 cm with on/off switch, extension cable 80 cm, battery case, plug in transformer

VISION XENON BATTERY HEADLIGHT

• 30855 VISION XENON LIGHT with soft headband

• 30856 VISION PLUS XENON LIGHT with rigid headband

Cordless lightweight headlight with xenon incandescent lamp suitable for mobile purpose and ENT examinations, available in two versions: with rigid head band for professional use and with soft headband for a more versatile use.
This headlight provides an incomparable mobility, an intensive and white light as well as a simple and comfortable handling. A special mirror focuses the beam to a concentrate spot.

• 30857 SPARE BULB for VISION

• 32201 "AA" ALKALINE BATTERIES - blister of 4 pcs

30856

30855

BULB APPROVALS

FM MSHA SP Ex CE

TECHNICAL SPECIFICATIONS

Weight: 160 g (incl. Batteries)
Power supply: 2x alkaline batteries size AA (included)
Bulb: 6,000 candle power xenon lamp (7 lumens)
Color temperature: approximately 3,200° K
Headband: - elasticated softband for code 30855
- rigid adjustable band for code 30856
Light outlet: height and inclination angle adjustable

At working distance:	20 cm	30 cm
Spot-Ø	50 mm	65 mm
Intensity:	3200 lux	1500 lux

GIMA LED HEAD LIGHT

25,000 LUX
at 250 mm
6,000° KELVIN
2.5 hours continuous run-time on a fully charged battery
lightweight: 70g
30890
Adjustable light spot at 420 mm with iris diaphragm: 20-100mm

User manual in English, French, German, Italian, Spanish, Portuguese, Greek, Arab

TECHNICAL SPECIFICATIONS

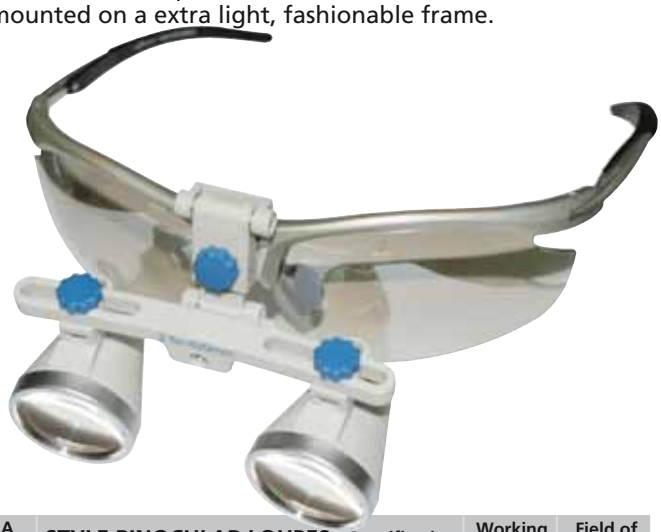
Illumination light spot at 420 mm: 20-100mm
Illumination in 250 mm working distance: ≥ 25,000 lux
Adjustable range
Fluctuation distance: 12.5mm
Angle range: vertical ± 25°
Weight of headlight (excluding head band): 70 g
Illumination source: extremely bright light, 3W LED, life 20,000 hours
Battery: 7.2V lithium battery
Battery run-time: not less than 2.5 hours continuous run-time on a fully charged battery
Voltage: 90-240VAC, 50-60 Hz
Maximum input power: 15 W
Power adapter output: DC 10±0.5V, 1.5 A
Electrical safety standard: GB9706.1, class II type BF equipment

GIMA BINOCULAR LOUPES

BINOCULAR LOUPES:
Light weight, ergonomically superior Galilean-style flip-up loupes. Can be used independently or mounted on 30890.
Multi-coated and high grade glass lenses provide clean and sharp image. Eyepiece with wide field of view.
Deep focus to see object stereoscopically.
Loupes angles can be easily adjusted between 0° and 40° to minimize fatigue even after prolongued use.
6 mm up and down displacement.
Adjustable pupil distance to fit different types of face.

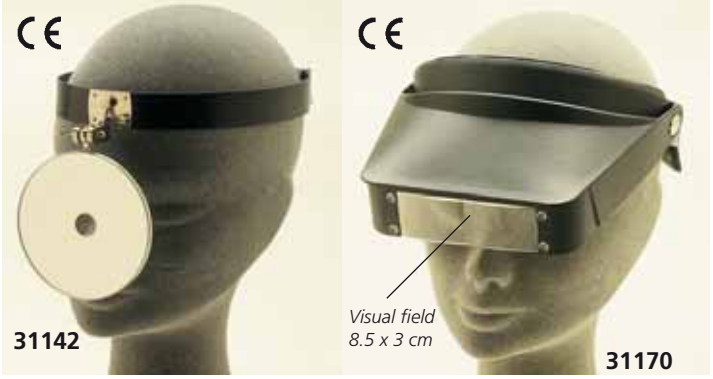
GIMA code	BINOCULAR LOUPES	Magnification	Working distance	Field of view Ø
30892	Binocular Loupe	2.5x	340 mm	80 mm
30894	Binocular Loupe	2.5x	420 mm	100 mm
30897	Binocular Loupe	3.5x	340 mm	65 mm
30898	Binocular Loupe	3.5x	420 mm	80 mm

STYLE BINOCULAR LOUPES:
Line of binocular loupes with same features of traditional line but mounted on a extra light, fashionable frame.



GIMA code	STYLE BINOCULAR LOUPES	Magnification	Working distance	Field of view Ø
30910	Style binocular Loupe	2.5x	340 mm	80 mm
30911	Style binocular Loupe	2.5x	420 mm	100 mm
30914	Style binocular Loupe	3.5x	340 mm	65 mm
30915	Style binocular Loupe	3.5x	420 mm	80 mm

ZIEGLER MIRROR AND HEAD LOUPE



• 31142 ZIEGLER MIRROR - Ø 90 mm
Concave back-silvered mirror, 90 mm diameter with 13 mm diameter hole, on adjustable band. Special mount permits replacement of glass mirror in event of breakage.
Made in Germany.

• 31170 HEAD LOUPE two magnifying systems (2.2X and 3.3X).
The system is mounted on an adjustable webbing head band and provided with two separate lenses.
The first lens provides a 2.2 X magnification, moving down the second lens, we reach a total 3.3 X magnification.
The superior quality of this lens permits high precision examinations. The HEAD LOUPE magnifying system can be used in combination with any kind of glasses. Made in Japan.

HEINE LED HEAD LIGHT

POWERFUL LED ILLUMINATION

50,000 LUX at 250 mm

HEINE OPTOTECHNIK

30885

• 30885 HEINE 3S LED HEAD LIGHT - J.008.31.313
Ultra bright and compact HEINE 3S LED HeadLight for powerful, coaxing illumination.
- **50,000 Lux of bright, white light:**
With a reference colour temperature of 5,600 Kelvin and an extraordinary 50,000 Lux of illumination, the 3S LED HeadLight is more than twice as bright as conventional Headlights
- **Compact and Light-Weight:**
The compact design ensures clear, unobstructed coaxial illumination. The 3S LED HeadLight weighs only 70 grams ensuring user comfort even during prolongued use.
- **Flexibility:**
Continuously adjustable spot size and brightness control. Mains or 10 hours operating time with mPack® power supply. Rechargeable battery pack and direct mains transformer included.

• 30886 HEINE BINOCULAR LOUPE 2.5X-340mm - J.000.31.370

• 30887 HEINE BINOCULAR LOUPE 2.5X-420mm - J.000.31.371

TECHNICAL SPECIFICATIONS

Power supply:	mPack® Rechargeble Battery Pack with NiMH battery and direct mains transformer
Illumination:	50,000 lux at a working distance of 250 mm
LED operating life:	20,000 hours
Spot adjustment:	20 mm to 130 mm illuminated field diameter (at 500 mm)
Colour temperature:	5,600°K Made in Germany

HEINE BINOCULAR LOUPES

Super-Wide, Super-deep field of view. ***2.5X loupes*** *offer an excellent balance between high magnification, field of view, depth of field, and ease of use, ideal for a wide range of applications such as dental, ophthalmic, cosmetic and reconstructive surgery.*

Only 42 g

30930
30931

Eyepieces individually adjustable

Only 78 g

30932

4.0X magnification: *4.0X loupes provide magnification for most advanced micro-surgical and dental applications yet still offer a large 50mm field of view. The 340mm working distance is ideal for applications where the user is in a sitting position.*

HEINE binocular loupes set standards for innovative optics combined with high-tech materials and production techniques.
A wide of applications in many disciplines: general medicine, dermatology, minor and some major surgery, plastic surgery, neuro-surgery, ENT, ophthalmology, veterinary medicine, dentistry etc. The use of magnifying loupes will increase your visual acuity and reduce eye strain. Careful selection of working distance and correct viewing angle will avoid back and neck strain by allowing a comfortable working position.

Set content: optics, S-frame with i-View loupe mount, detachable protective lenses, 2 sterilisable swivel levers, retaining cord, cleaning fluid, carrying case.

GIMA code	BINOCULAR LOUPES	Magnification	Working distance	HEINE code
30930	Heine binocular loupes	2.5X	340 mm	C-000.32.355
30931	Heine binocular loupes	2.5X	420 mm	C-000.32.356
30932	Heine binocular loupes	4X	340 mm	C-000.32.431

IUKO VISION MODULAR SYSTEM

VISION MODULAR SYSTEM
A unique modular system for all your needs. You can combine elements to protect, magnify, light up, ... Any component can be used indipendently or combined with one or more.

PROTECTIVE SHIELD

TETI - 30860

- *provide protection from squirts and spray*
- *extremely light 130 g and confortable*
- *folding shield behind the nape*
- *can fits over your glasses*

MAGNIFYING GLASSES

DANAE - 30861

Adjustable 0-4.5 cm

- *optical system with magnifying glasses*
- *can fit over your glasses*
- *light, only 83 g*
- *adjustable to any face shape*
- *compatible with TETI*

ADJUSTABLE PROJECTOR

IRIDE 30867

- *adjustable LED light projector*
- *2 different brightness intesity (30,000 and 50,000 lux at 25 cm, autonomy 6 and 4 hours)*
- *6,500°K temperature*
- *autonomy 4 hours at maximum power*
- *battery pack placeable on the head band*
- *compatible with TETI*

GALILEIAN TELESCOPES

CALLIOPE
30864/5/6

- *magnifying optical system with Galilean telescopes*
- *waterproof telescope*
- *compatible with TETI*

TELESCOPE + PROJECTOR + SHIELD

You can create below system adding protective shield (TETI) to telescope+projector (NIKE)

30870/1
+ 30860

30870/71

TELESCOPE + PROJECTOR

NIKE 30870/1

This system includes Galileian telescope (CALLIOPE) and LED light projector (IRIDE)

GIMA code	VISION MODULAR SYSTEM
30860	TETI - protective shield
30861	DANAE - magnifying glasses with 3 lens (1.7, 2.2, 3 x)
30864	CALLIOPE - Galilean telescope 3x - dental (working distant 35 cm)
30865	CALLIOPE - Galilean telescope 3x - surgical (working distant 45 cm)
30866	CALLIOPE - Personalized Galileian telescope: magnification from 2x to 3x, working distance from 28 to 60 cm - specify with order
30867	IRIDE - LED light projector
30870	NIKE - Galileian telescope 3x (35cm) + projector
30871	NIKE - Galileian telescope 3x (45cm) + projector
30875	Set of 5 transparent face shields - spare
30876	Battery pack - spare